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PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY	PREVIOUSLY DOGKETED			
To: GEORGE MARCOU KILPATRICK STOCKTON LLP 607 FOURTEENTH ST., N.W. SUITE 900 WASHINGTON, DC 20005	Atty: 67M Docker/Matter No: 5A:c0067 Action: IDS Due: 1/30/04 NOTIFICATION OF TRANSMHTAL OF 17/3, 12/27 THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION			
WBS Shirne OCT 6 2003 Reporter	(PCT Rule 44.1) Date of Mailing (day/month/year) O 3 OCT 2003			
Applicant's or agent's file reference SAIC0067-PCT	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US03/21691	International filing date (day/month/year) 11 July 2003 (11.07.2003)			
Applicant SCIENCE APPLICATIONS INTERNATIONAL CORPORATIONAL	ION			
Filing of amendments and statement under Article 19:				
The applicant is entitled, if he so wishes, to amend the cla When? The time limit for filing such amendments is international search report.	s normally two months from the date of transmittal of the			
Where? Directly to the International Bureau of WIPO 1211 Geneva 20, Switzerland, Facsimile No				
For more detailed instructions, see the notes on the accompanying sheet.				
2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.				
3. With regard to the protest against payment of (an) addit	tional fec(s) under Rule 40.2, the applicant is notified that:			
applicant's request to forward the texts of both the	en transmitted to the International Bureau together with the protest and the decision thereon to the designated Offices.			
	plicant will be notified as soon as a decision is made.			
applicant wishes to avoid or postpone publication, a notice of wi	onal application will be published by the International Bureau. If the thdrawal of the international application, or of the priority claim, must and 90 bis.3, respectively, before the completion of the technical			
examination must be filed if the applicant wishes to postpone th	of some designated Offices, a demand for international preliminary e entry into the national phase until 30 months from the priority date until 20 months from the priority date, perform the prescribed acts for			
1	hs (or later) will apply even if no demand is filed within 19 months.			
See the Annex to Form PCT/IB/301 and, for details about the ap Volume II, National Chapters and the WIPO Internet site.	pplicable time limits, Office by Office, see the PCT Applicant's Guide,			
Name and mailing address of the ISA/US	Authorized officer			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	Andrew M Waxman Lugenia Jogan			
P.O. Box 1450 Alexandria, Virginia 223 13-1450 Facsimile No. (703) 305-3230	Telephone No. (703) 305-4700			
Form PCT/ISA/220 (April 2002)	(See notes on accompanying sheet)			

(See notes on accompanying sheet)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SAIC0067-PCT	FOR FURTHER ACTION		cation of Transmittal of International Search Report T/ISA/220) as well as, where applicable, item 5			
International application No. PCT/US03/21691	International filing date (day/month/year) 11 July 2003 (11.07.2003)		(Earliest) Priority Date (day/month/year) 30 September 2002 (30.09.2002)			
Applicant SCIENCE APPLICATIONS INTERNATIONAL CORPORATION						
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.						
This international search report consist. It is also accompanie	s of a total of sheets. d by a copy of each prior art doc	ument cite	ed in this report.			
1. Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.						
the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:						
	nal application in written form.		,			
	rnational application in computer re	eadable for	rm.			
	his Authority in written form.	.				
	his Authority in computer readable		and the second of the first second of			
international application as		e nsting do	es not go beyond the disclosure in the			
the statement that the infor been furnished.	the statement that the information recorded in computer readable form is identical to the written sequence listing has					
2. Certain claims were foun	Certain claims were found unsearchable (See Box I).					
3. Unity of invention is lack	ing (See Box II).					
4. With regard to the title, the text is approved as sub	mitted by the applicant					
	ed by this Authority to read as follo	111/C ·				
ule ext has been established	d by this readility to read as folio	, ws.				
5. With regard to the abstract,						
the text is approved as sub	mitted by the applicant.					
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applican may, within one month from the date of mailing of this international search report, submit comments to this Authority.						
6. The figure of the drawings to be p	ublished with the abstract is Figure	No. <u>1</u>	,			
as suggested by the applica	ant.		None of the figures			
because the applicant faile	d to suggest a figure.					
because this figure better of	characterizes the invention.					

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

	PCT/US03/21691			
Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)				
The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).				
The present invention relates to a system (100) and method for extending the coverage area and communication capacity of a spread spectrum based wireless network through the use of intelligent repeaters (130). The system (100) comprises a wireless communications network augmented with low cost channel selective repeaters (130) that is capacle of repeating only desired signals, thereby suppressing undesirable interference and increasing network capacity. The repeaters (130) can be integrated into an existing wireless network with minimal impact to the existing network topology or control structure.				
*				
e-				

Form PCT/ISA/210 (continuation of first sheet(2)) (July 1998)

INTERNATIONAL SEA	ARCH REPORT		
Continuation of B. FIELDS SEARCHI 455/11.1, 442, 7-25, 179.1; 370/279, 501, 2 498,500-501,	ED Item 1: 176-296, 310,315-321,328-332,	335-337, 342-344, 431, 441-4	43, 445, 478-480, 491-492,
,			
		-	
<i>X</i>			
<u> </u>			
* + *			

PCT/US03/21691

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21691

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04B 7/15; H04J 3/08 US CL : 455/11.1, 442; 370/279, 501					
According to	According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIEL	DS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: Please See Continuation Sheet					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IEEExplore					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.		
X 	US 5,809,398 A (MOBERG et al.) 15 September 19	98 (15.09.1998), column 6 lines 16-	1,2,4,6,7		
Y	24, 31-35, 50-67, and column 4 lines 46-58.		3,5		
Y	3GPP: Technical Specification Group Radio Access Multiple Access (3G TR 25.924 version 1.0.0), 199		3,5		
	documents are listed in the continuation of Box C.	See patent family annex.			
"A" document	pecial categories of cited documents: defining the general state of the art which is not considered to be lar relevance	"T" later document published after the inter- date and not in conflict with the applica principle or theory underlying the inven	tion but cited to understand the		
	plication or patent published on or after the international filing date	"X" document of particular relevance; the c considered novel or cannot be considere when the document is taken alone	laimed invention cannot be d to involve an inventive step		
	which may throw doubts on priority claim(s) or which is cited to he publication date of another citation or other special reason (as	"Y" document of particular relevance; the c			
	referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in the	documents, such combination		
priority d	published prior to the international filing date but later than the ste claimed	"&" document member of the same patent fa			
	ctual completion of the international search 03 (28.08.2003)	Date of mailing of the international sear 03 OCT	200 3		
	ailing address of the ISA/US	Authorized officer			
Mai Con	I Stop PCT, Attn: ISA/US imissioner for Patents Box 1450	Andrew M Waxman Kullen	is zogan		
Alex	. 60x 1430 (andria, Virginia 22313-1450 . (703)305-3230	Telephone No. (703) 305 4700			

Form PCT/ISA/210 (second sheet) (July 1998)

NOTESTO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below

How? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.